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PHOTOGRAPHIC INTERPRETATION REPORT



VITAL RECORDS COPY
GLASS LAMP MISSION G-918
17 OCTOBER 1966

Declass Review By NIMA/DOD

NPIC/R-358/66

OCTOBER 1966

GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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W A R N I N G

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GL MISSION G-918, 17 OCT 66

R-358/66

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-918, 17 OCT 66. THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS--
C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), O (OBLIQUITY), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS SIGNIFIED BY ST (STEREO), NS (NONSTEREO), OR PS (PARTIAL STEREO).

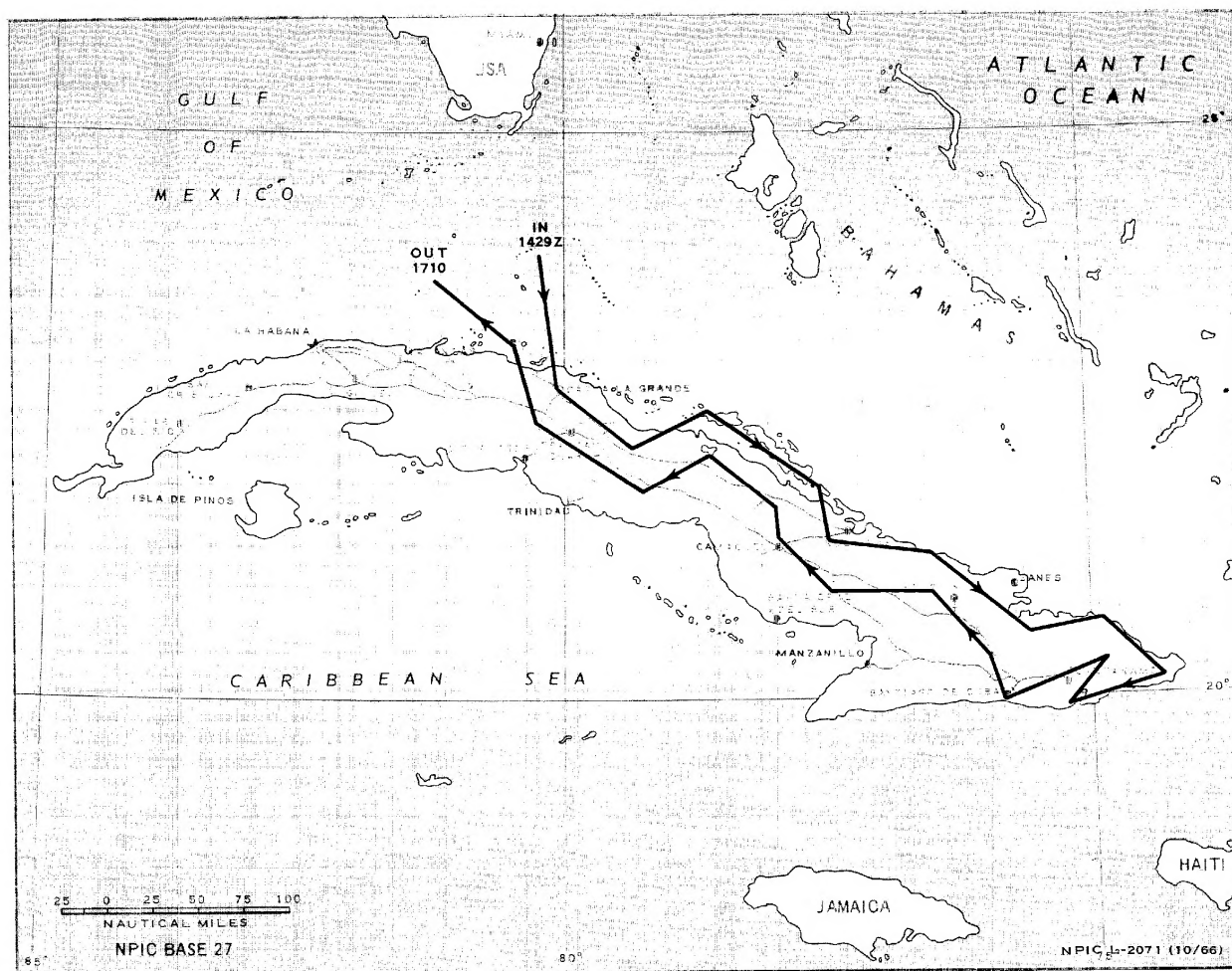
AAA DEFENSES ARE DIVIDED INTO THREE BASIC CATEGORIES -- LIGHT (ZPU-2, ZPU-4, AND 37MM), MEDIUM (57MM AND 85MM), AND HEAVY (100MM AND LARGER). WHERE SUCH A CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED (EXAMPLE 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED).

25X1

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APPROXIMATE TRACK OF GLASS LAMP MISSION G-918, 17 OCTOBER 1966.

ITEMS OF SPECIAL INTEREST

NO SIGNIFICANT HURRICANE DAMAGE OBSERVED.

MISSILES

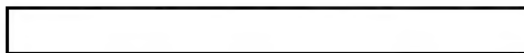
25X1A

CIFUENTES SAM ASSEMBLY AREA

CU 2236N 08005W

OB -- 6 MISSILE TRANSPORTERS (1 CANVAS COVERED), 5
FLATBED TRACTOR-TRAILER TRUCKS, 4 PROBABLE CARGO
TRUCKS, AND 10 OTHER VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

25X1D



RANCHUELO SAM SITE A33-2

CU 2223N 08010W

PERMANENT SITE REMAINS UNDER CONSTRUCTION.
OB (AT ADJACENT TEMPORARY SITE) -- 6 EMPLACED LAUNCHERS
(2 WITH MISSILES), 9 MISSILE TRANSPORTERS, A FAN SONG
RADAR WITH 6 ASSOCIATED VAN TRAILERS, AND 12 ZIL 157-V
TRUCK TRACTORS.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D

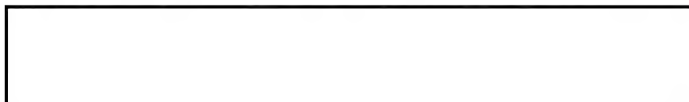


SANTA CLARA SAM SITE A34-2

CU 2229N 08000W

PERMANENT SITE REMAINS UNDER CONSTRUCTION.
OB (AT ADJACENT TEMPORARY SITE) -- 6 EMPLACED LAUNCHERS
(3 WITH MISSILES), 1 MISSILE TRANSPORTER WITH EXPOSED
MISSILE, A FAN SONG RADAR WITH 6 ASSOCIATED VAN
TRAILERS, AND 18 OTHER VEHICLES/PIECES OF EQUIPMENT
OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D



SANTIAGO DE CUBA SAM SITE A23-2

CU 1959N 07550W

OB -- 6 EMPLACED LAUNCHERS (3 WITH MISSILES), 10
MISSILE TRANSPORTERS (5 WITH EXPOSED MISSILES), AND AN
OCCUPIED GUIDANCE AREA.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

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25X1D



25X1A

SANTIAGO DE CUBA SAM ASSEMBLY AREA

CU 2004N 07553W

OB -- 6 MISSILE TRANSPORTERS (1 CANVAS COVERED),
NUMEROUS MISSILE CANISTERS, 4 LARGE TRUCK-TRACTOR
TRAILERS, AND 11 CARGO TRUCKS.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN FACILITIES.

25X1D



SANTIAGO SAM TRAINING AREA

CU 1958N 07551W

OB -- 10 VAN TRUCKS, 27 CARGO TRUCKS, AND 4 CARGO
TRAILERS.
ONE CANVAS-COVERED SA-2 TRANSPORTER, 5 PROBABLE SA-2
LAUNCHERS, 4 VAN TRUCKS, AND 7 OTHER VEHICLES ARE
PARKED IN AN AREA 1,200 YARDS NE AT UTM 18QVT118099.
NO APPARENT CHANGE IN FACILITIES.
(MAP REFERENCE -- AMS SERIES E723, SHEET 5075-IV, 3RD
ED.)

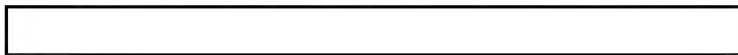
25X1D



SANTA ISABEL DE LAS LAJAS SAM SITE A35-2 CU 2228N 08018W

OB -- 3 EMPLACED LAUNCHERS, 9 MISSILE TRANSPORTERS, AND
11 ZIL 157-V TRUCK TRACTORS OBSERVED IN CLOUD-FREE
AREAS.
NO APPARENT CHANGE IN LAUNCH FACILITIES.

25X1D



CONSTANCIA SAM SITE A10-2

CU 2214N 08030W

OB -- 2 EMPLACED LAUNCHERS, 5 MISSILE TRANSPORTERS, AND
2 OTHER PIECES OF EQUIPMENT.
HEAVY CLOUDS LIMIT INTERPRETATION.
NO APPARENT CHANGE IN LAUNCH FACILITIES.

25X1D



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LA VEGUITA SAM ASSEMBLY AREA

CU 2049N 07615W

OB -- 6 MISSILE TRANSPORTERS, 1 MISSILE ON A DOLLY,
NUMEROUS MISSILE CANISTERS, 4 TRUCK TRACTORS, 6 FLATBED
TRACTOR TRAILERS, AND 10 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

SAN PEDRO DE CACOCUM SAM SITE 1

CU 2047N 07615W

OB -- 4 EMPLACED LAUNCHERS (3 WITH MISSILES), 2
POSSIBLE EMPLACED LAUNCHERS, 8 MISSILE TRANSPORTERS (7
WITH EXPOSED MISSILES), AND A CENTRAL GUIDANCE RADAR
WITH 6 ASSOCIATED VAN TRAILERS.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D

SAN PEDRO DE CACOCUM SAM SITE 2

CU 2045N 07615W

SITE CONSTRUCTION NEARS COMPLETION. SIX LAUNCH
REVETMENTS ARE IN LATE STAGE OF CONSTRUCTION, 3
PROBABLE MISSILE-HOLD REVETMENTS ARE IN EARLY STAGE,
AND 6 SUPPORT BUILDINGS ARE NOW COMPLETE.
OB -- NONE.

25X1D

AIR FACILITIES

CAMILO CIENFUEGOS AIRFIELD

CU 2229N 07956W

OB -- 19 FAGOT/FRESCO, 1 CRATE, 1 MORAVA L-200, AND 4
HOUND.
ACTIVITY -- 10 PROBABLE MIG 15/17 SHIPPING CRATES
OBSERVED TO REAR OF MAIN PARKING APRON.

25X1D

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25X1A

CAMAGUEY INTERNATIONAL AIRFIELD

CU 2125N 07750W

OB -- 1 C-47 AND 16 HOUND.

25X1D

HOLGUIN AIRFIELD

CU 2047N 07618W

OB -- 10 FAGOT/FRESCO AND 1 HOUND.

25X1D

LOS CANOS AIRFIELD

CU 2005N 07509W

OB -- 2 COLT.

25X1D

ANTONIO MACEO AIRFIELD

CU 1958N 07550W

OB -- 2 MORAVA L-200, 1 LIAISON, AND 1 HOUND.

25X1D

JAIME GONZALES AIRFIELD

CU 2209N 08024W

OB -- 1 COOT WITHOUT OUTER WING PANELS.
ACTIVITY -- RUNWAY EXTENSION REMAINS UNDER
CONSTRUCTION.

25X1D

CAIBARIEN AIRFIELD

CU 2230N 07928W

OB -- NONE OBSERVED.

25X1D

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NAVAL ACTIVITY/PORTS

25X1A

CIENFUEGOS NAVAL BASE

CU 2208N 08027W

OB -- 2 KRONSTADT-CLASS PC, 7 P-6-CLASS PT, AND 3 YP.
OTHER VESSELS -- 3 LARGE FREIGHTERS AND 1 LARGE TANKER.

25X1D

SANTIAGO DE CUBA NAVAL BASE AND PORT

CU 2001N 07550W

OB -- 2 YP.
OTHER VESSELS -- 2 LARGE FREIGHTERS.

25X1D

NUEVITAS PORT

CU 2132N 07715W

VESSELS -- 1 LARGE FREIGHTER.

25X1D

LA ISABELA PORT

CU 2256N 08000W

VESSELS -- NONE OBSERVED.

25X1D

CAIBARIEN PORT

CU 2231N 07928W

VESSELS -- NONE.

25X1D

ELECTRONICS/COMMUNICATIONS

SANTA CLARA EW/GCI RADAR SITE

CU 2229N 07956W

OB -- 1 PROBABLE TOKEN/BAR LOCK, AND 1 PROBABLE ROCK
CAKE/STONE CAKE RADAR. ACTIVITY -- 1 OCCUPIED 6-GUN
AAA SITE.

25X1D

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HOLGUIN EW/GCI RADAR SITE

CU 2048N 07618W

SITE IS CLOUD COVERED.
ONE PROBABLE BAR LOCK RADAR (WITH REAR SCREEN REMOVED),
1 VAN TRUCK, 2 CARGO TRUCKS, AND 3 VAN TRAILERS LOCATED
APPROXIMATELY 1,000 FT SOUTH OF SITE.

25X1D

SAGUA LA GRANDE EW/GCI RADAR SITE 2

CU 2248N 08006W

OB -- NONE OBSERVED.
ACTIVITY -- 4 VAN TRUCKS, 5 VAN TRAILERS, AND 1
OCCUPIED 6-GUN AAA SITE.

25X1D

SAN MIGUEL EW/GCI RADAR SITE

CU 2229N 07953W

OB -- 1 TOKEN-TYPE RADAR.
ACTIVITY -- 6 VAN TRUCKS AND 3 OTHER VEHICLES/PIECES OF
EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

25X1D

MILITARY ACTIVITY

DOS CAMINOS MILITARY CAMP

CU 2014N 07547W

OB -- 40 FA PIECES, 34 AAA PIECES, 34 TRACKED PRIME
MOVERS, 13 VAN TRUCKS, AND 34 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

GUANTANAMO AREA

CU 2018N 07525W

NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREA.
ALL AREAS -- APPROXIMATELY 10 PERCENT USEABLE COVERAGE.

25X1D

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HOLGUIN MILITARY CAMP

CU 2053N 07613W

OB -- 87 VEHICLES/PIECES OF EQUIPMENT OBSERVED IN
CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

HOLGUIN MILITARY CAMP NW

CU 2057N 07616W

OB -- 19 VEHICLES/PIECES OF EQUIPMENT OBSERVED IN
CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

REMEDIOS MILITARY AREA

CU 2227N 07935W

OB -- 33 FA PIECES, 102 CARGO TRUCKS, AND 30 OTHER
VEHICLES/PIECES OF EQUIPMENT OBSERVED IN CLOUD-FREE
AREAS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

CAMAGUEY MILITARY CAMP

CU 2126N 07753W

OB -- NONE OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1D

CORRALILLO MILITARY AREA

CU 2301N 08038W

OB -- 4 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

CUABITAS MILITARY CAMP

CU 2003N 07548W

OB -- 11 TANKS/SP GUNS, 3 PROBABLE TANKS/SP GUNS, AND
AT LEAST 25 PROBABLE CARGO TRUCKS.

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NO APPARENT CHANGE IN FACILITIES.

25X1D

[REDACTED]

25X1A

EL CRISTO MILITARY INSTALLATION

CU 2008N 07547W

OB -- 3 PROBABLE CRUISE-MISSILE TRANSPORTER-LAUNCHERS,
2 PROBABLE CRUISE-MISSILE-RELATED VEHICLES, AND 4 OTHER
VEHICLES.

NO APPARENT CHANGE IN FACILITIES.

25X1D

[REDACTED]

MINAS MILITARY CAMP

CU 2127N 07734W

OB -- 21 TANKS/SP GUNS, 4 CARGO TRUCKS, 17 UTILITY
TRUCKS, AND 4 OTHER VEHICLES/PIECES OF EQUIPMENT.

ACTIVITY -- ONE 6-GUN AAA SITE WITH 5 POSITIONS
OCCUPIED AND ONE 3-GUN AAA SITE WITH 2 POSITIONS
OCCUPIED.

FACILITIES INCLUDE 11 TENTS.

25X1D

[REDACTED]

OFELIA MILITARY CAMP

CU 2006N 07530W

OB -- 19 TANKS/SP GUNS, 11 FA PIECES, 11 AAA PIECES, 13
MORTARS, 28 CARGO TRUCKS, AND 4 OTHER VEHICLES OBSERVED
IN CLOUD-FREE AREAS.

NO APPARENT CHANGE IN FACILITIES.

25X1D

[REDACTED]

PUERTO PADRE MILITARY AREA

CU 2111N 07639W

OB -- 2 TANKS/SP GUNS, 6 FA PIECES, 4 MORTARS, 1 VAN
TRUCK, 15 CARGO TRUCKS, AND 12 OTHER VEHICLES/PIECES OF
EQUIPMENT.

NO APPARENT CHANGE IN FACILITIES.

25X1D

[REDACTED]

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25X1A

SANTA CLARA MILITARY CAMP CUBANACAN

CU 2224N 07952W

OB -- 12 PROBABLE CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

SANTIAGO DE CUBA MILITARY CAMP

CU 2003N 07553W

OB -- 27 FA PIECES, 30 AAA PIECES, 23 MORTARS, 82 CARGO
TRUCKS, AND 10 UTILITY TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

LAS MERCEDES VEHICLE PARK

CU 2224N 08001W

OB -- 38 CARGO TRUCKS AND 10 OTHER VEHICLES OBSERVED IN
CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

LA CHARCA MILITARY ACTIVITY

CU 2246N 08036W

OB (MAIN CAMP) -- 42 FA PIECES, 10 AAA PIECES, 6
MORTARS, 114 CARGO TRUCKS, AND 5 UTILITY TRUCKS.
OB (CAMP 2.0 NM SOUTH) -- 3 PROBABLE TANKS/SP GUNS AND
10 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

CIENFUEGOS MILITARY ACTIVITY

CU 2209N 08027W

OB -- 13 PROBABLE FA PIECES AND 15 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

PLAYA YATERITAS LANDING BEACH

CU 1958N 07457W

NO NEW MILITARY ACTIVITY OBSERVED.

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25X1D



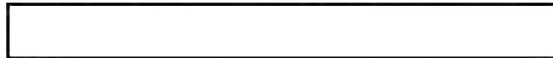
25X1A

GANUZA LANDING BEACH

CU 2305N 08030W

NO MILITARY ACTIVITY OBSERVED.

25X1D

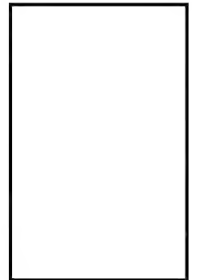
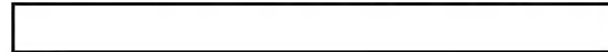


CAYO DE SABINAL LANDING BEACH

CU 2144N 07728W

NO MILITARY ACTIVITY OBSERVED.

25X1D



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-STATUS OF OTHER TARGETS-

25X1A

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

	SANTIAGO DE CUBA EW/GCI RADAR SITE 2	2005N 07551W
	LA SOCAPA LOW SIEVE RADAR SITE	1958N 07552W
	LA QUINTA MILITARY CAMP	2002N 07551W
	SANTA CLARA ARTILLERY TRAINING AREA	2222N 08000W
	SANTIAGO DE CUBA MILITARY CAMP NW	2003N 07554W
	SIBONEY LANDING BEACH	1957N 07542W
	CIENFUEGOS LANDING BEACH	2202N 08036W
	MAR VERDE LANDING BEACH	1957N 07556W
NICARO LANDING BEACH	2042N 07533W	

25X1A

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

	HOLGUIN AIRFIELD SAM SITE	2046N 07619W
	SANTA CLARA MILITARY ACTIVITY	2220N 07957W
	SANTA CLARA MILITARY CAMP SOUTH	2222N 07958W

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